

# Suggested Arrangement of Courses, Geosystems Engineering and Hydrogeology (BSGEH)

Part I; <sup>040</sup> Humanities; <sup>050</sup> Visual and Performing Arts; <sup>060</sup> U.S. History; <sup>070</sup> American and Texas Government; <sup>080</sup> Social and Behavioral Sciences; <sup>090</sup> First-Year Signature Course; <sup>093</sup> Natural Science and Technology, Part II

*Skills and Experience Flags:* <sup>Wr</sup> Writing; <sup>QR</sup> Quantitative Reasoning; <sup>GC</sup> Global Cultures; <sup>CD</sup> Cultural Diversity; <sup>E</sup> Ethics; <sup>II</sup> Independent Inquiry

## Undergraduate Degree Program listing

### First Year

First Term	Hours	Second Term	Hours	Summer Term	Hours
CH 301 (Major)		3 CH 302 (Major)		3 (None)	
GEO 303 (Major)		3 M 408D (Major)		4	
M 408C (Core) <sup>020</sup>		4 PHY 303K & PHY 105M (Core)		4	
RHE 306 (Core) <sup>010</sup>		3 PGE 333T (General Education)		3	
UGS 302 or 303 (Core) <sup>090,Wr</sup>		3 U.S. History (Core) <sup>060</sup>		3	
		<b>16</b>	<b>17</b>	<b>0</b>	<b>0</b>

### Second Year

First Term	Hours	Second Term	Hours	Summer Term	Hours
GEO 416K (Major)		4 E M 319 (Major)		3 (None)	
GEO 416M (Major)		4 PGE 311 (Major)		3	
E M 306 (Major)		3 PGE 427 (Major)		4	
M 427J (Major)		4 PGE 326 (Major) PHY 303L & PHY 105N (General Education)		3 4	
		<b>15</b>	<b>17</b>	<b>0</b>	<b>0</b>

### Third Year

First Term	Hours	Second Term	Hours	Summer Term	Hours
GEO 476K (Major)		4 C E 357 (Major)		3 GEO 376L (Major)	3
PGE 322K (Major)		3 GEO 420K (Major)		4	
PGE 323K (Major)		3 PGE 323L (Major)		3	
PGE 424 (Major)		4 PGE 358 (Major)		3	
Social and Behavioral Sciences (Core) <sup>080</sup>		3 American and Texas Government (Core) <sup>070</sup>		3	
		<b>17</b>	<b>16</b>	<b>3</b>	<b>3</b>

### Fourth Year

First Term	Hours	Second Term	Hours	Summer Term	Hours
GEO 428 (Major)		4 PGE 373L (Major)		3 (None)	
GEO 376S (Major)		3 Geoscience Technical Elective (Major)		3	
PGE 365 (Major)		3 American and Texas Government (Core) <sup>070</sup>		3	
Engineering Technical Elective (Major)		3 U.S. History (Core) <sup>060</sup>		3	
E 316L, 316M, 316N, or 316P (Core) <sup>040</sup>		3 Visual and Performing Arts (Core) <sup>060</sup>		3	
		<b>16</b>	<b>15</b>	<b>0</b>	<b>0</b>

Total credit hours: 132

*Four-year degree suggestion (for planning purposes only).*

*Currently enrolled students should meet with their academic advisor.*

Course categories: Core, General Education, Major, Elective, Opportunity

Core Component Areas: <sup>010</sup> English Composition and Core Writing  
Flag: <sup>020</sup> Mathematics; <sup>030</sup> Natural Science and Technology,